

Abstract of the Disclosure

A pultruded part having a uniform cross-section and a longitudinal axis. The pultruded part comprises a plurality of longitudinal rovings oriented along the longitudinal axis, a reinforcing structure and a resin matrix. The reinforcing structure comprises a permeable transport web of staple fibers attached to a plurality of first reinforcing fibers oriented so that the portion of the first reinforcing fibers oriented in a transverse direction comprises at least 40% of a volume of materials comprising the reinforcing structure. The resin matrix substantially surrounds the longitudinal rovings and the reinforcing structure.

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